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Fluorita de Rio & Verde S.A. March 109
Fluorspar of Kenya Ltd. .... Nov 75
FMC Corp. ..... Oct 96
Foote Mineral Co. .. June 47; Dec 87
Fording Company Ltd. ..... June 51
Freddies Consolidated Mines Ltd. Feb 31
Freeport Indonesia Inc. Feb 58; April 33; July 66; Sept 97
Freeport Minerals Inc. Jan 57; March 104; April 33; Dec 41, 77
Freestate Development and Investment Corp. ..... Nov 38; Dec 95
Free State Geduld Mines Ltd. Feb 31; Nov 74
Free State Saaiplaas Gold Mining Company Ltd. Feb 31; July 62; Nov 38, 74; Dec 90
Frontier Resources, Inc. .. March 118
Fundidora de Monterrey S.A. Feb 65; Dec 92
Furukawa Electric Co. ..... Dec 94
Furukawa Mining Company Ltd. Jan 66; Feb 58; March 114; May 75; July 59; Sept 88; Oct 88; Dec 94

G

Gécamines ..... April 75
Geevor Tin Mines Ltd. ..... Feb 62
General Exploration Co. .. April 76
General Mining and Finance Corp. Dec 89
Geneva-Pacific Corp. ..... Oct 97
Getty Mines Ltd. ..... Oct 77
Getty Oil Co..... March 106; Nov 88
Gibraltar Mines Ltd. May 86; Sept 95
Gilmore Steel Corp..... Aug 72
Global Marine Inc. ..... Oct 74
Gofremmi ..... Dec 77
Gold Fields of South Africa Ltd. Nov 38
Gold Mines of Kalgoorlie (Australia) Ltd. .... Feb 68; April 79; Aug 89
Gold Star Cable Co. ..... Aug 71
Goldsworthy Mining Ltd. Dec 41, 96
Gränges AB ..... Dec 77
Gopeng Consolidated Ltd. .. Aug 72
Gränges Development Ltd. .. Jan 59
Gränges International Mining July 64
Granite Mountain Mines Ltd. Aug 86
Great Boulder Gold Mines Ltd. April 80; May 80; July 59; Oct 86
Great Lakes Nickel Ltd. March 100; Sept 95; Oct 76
Greenex A/S ..... April 67; Dec 82
Greenland Exploration Management Co. ..... July 57
Greenland Mineral Exploration Syndicate ..... July 57
Grootvlei Pty. Mines Ltd. .. June 47
Gunn Mines Ltd. .. May 86; Sept 95
Guyanan Bauxite Company Ltd. March 108, 109; July 64; Aug 80

H

Halco Mining Inc. .. Feb 57; Sept 91
Hamersley Holdings Ltd. Aug 88; Sept 92; Nov 89; Dec 41
Hancock Prospecting Pty. Ltd. Jan 60
Hankuk Aluminum Refining Co. Oct 78
Hanna Mining Co. July 39, 65; Aug 85; Oct 78, 91
Hecla Mining Co. Jan 67; Feb 60; March 118
Henrietta Mines Ltd. (N.P.L.) Oct 98
Hibernian International Ltd. July 57
Hierro Patagonico de Sierra Grande Feb 65; Dec 91
Highhawk Mines Ltd. ..... Oct 76
Hinduston Copper Ltd. Aug 72; Sept 99
Hobo Creek Coppermines Ltd. Aug 86
Hochmetals Philippines Ltd... Aug 73
Hoflienia Mines Company Ltd. June 46
Homestake Copper Co. May 87; Aug 84
Homestake Mining Co. Jan 67; May 87; June 43; July 59; Aug 84; Sept 80; Nov 82
Hudson Bay Exploration and Development Company Ltd. ..... Oct 47
Hudson Bay Mining and Smelting Company, Ltd. Feb 64; May 84; Aug 85
Humphrey Mining Co. ..... July 49
Hunter-Albert Corp. ..... Oct 99

I

Idris Hydraulic Tin Ltd. March 114; May 82
Immaculate Conception Mining and Industrial Corp. ..... Sept 96
Impala Platinum Ltd. ..... Jan 64
Imperial Chemical Industries Ltd. March 96; June 30; Oct 84
Imperial Metals and Power Ltd. June 51
Imperial Metals Industries Ltd. Aug 37
Imperial Oil Enterprises Ltd. Feb 72; March 102; July 54; Oct 76, 77; Dec 85
Imperial Smelting Processes Ltd. Jan 62
Inco Mining Corp. March 104; Oct 74
Incontra Ltd. ..... Feb 65
Indonesia Nickel Development Company, Ltd. ..... Jan 56
Inspiration Consolidated Copper Co. Oct 98; Dec 84
Instituto Nacional de Energia Nuclear (Mexico) ..... May 75
Instituto Nacional de Industria June 49
International Mining Corporation N.L. Aug 77; Oct 91
International Mogul Mines .. July 57
International Nickel Company of Canada Ltd. Jan 57; Feb 72; March 100, 104; May 84; July 47, 55, 57; Aug 73; Oct 74, 75, 91; Nov 76, 77; Dec 77, 85
International Nickel Company, Inc. Aug 84
International Nickel Oceania S.A. Oct 74
Irimaru ..... March 104
Iron Ore Company of Canada Aug 86; Oct 78
Iso Mines Ltd. ..... Jan 59

J

Javelin International ..... Aug 37
Jeanette Gold Mines Ltd. .... Dec 88
Jingellic Minerals N.L. ..... Jan 55
Jododex Australia Proprietary Ltd. April 77
Johannesburg Consolidated Investment Company Ltd. Jan 112; Aug 75; Sept 73, 90; Oct 95
Jootie Tin Dredging Co. .... Oct 80

K

Kaiser Aluminum and Chemical Co. Aug 73
Kaiser Resources Ltd. Feb 72; May 86; June 51; July 55; Oct 76; Dec 86
Kaiser Steel Co. Jan 67; Feb 60; June 51; Aug 88
Kalco Valley Mines Ltd. .... Jan 59
Kalgoorlie Southern Gold Mines N.L. Feb 71
Kalmin Exploration Co. .... May 80
Kawasaki Steel Corp March 108; April 69; May 82; Oct 95
Kennecott Copper Corp. Feb 31; May 71, 88; June 42; July 52, 55; Aug 73, 82, 84;

Sept 96, 97; Oct 71, 73, 97, 98; Nov 77, 84, 91, 92; Dec 95
Kerr Addison Mines Ltd. .... Aug 84
Kerramerican Inc. Corp. .... Aug 84
Kerr McGee Chemical Corp... Oct 97
Kerr McGee Corp. March 116; Nov 92
Keywest Explorations N.L. April 80
Kilembe Mines Ltd. ..... July 63
Kivumines s.z.a.r.l. ..... June 47
Kloof Gold Mining Company Ltd. Dec 88
Knox Arizona Corp. ..... Oct 99
Kobe Steel Ltd. March 108; April 69; Oct 92
Korea Mining and Smelting Corp. Aug 71
Kurimoto Iron Ore Works Ltd. Dec 91

L

Lake Asbestos of Quebec Ltd. Oct 77
Lake View and Star Ltd. April 80; Aug 89
La Luz Minez Ltd. ..... Aug 76
La Porte Industries (UK) Ltd. Nov 82
LaRouge Mining Ltd. ..... Jan 59
Leighton Mining N.L. ..... Oct 80
Lepanto Consolidated Mining Co. May 83; Sept 96; Oct 35, 73, 74
Lepanto Explorations Co. .. Sept 96
Liberia Mining Company Ltd. Oct 92
Liberian American Swedish Minerals Co. ..... July 63; Nov 75
Lime and Marble Corp. .... July 55
Little Squaw Gold Mining Co. Dec 84
Livengood Placers Inc. .... Aug 83
Lonrho Ltd. Jan 65; May 77; July 64; Dec 89, 90
Lonrho S.A. Ltd. ..... May 76
Lornex Mining Corporation Ltd. Jan 59; March 102; Aug 86; Dec 86
Lukens Steel Co. ..... June 48
Lytton Minerals Ltd. Feb 64; March 109

M

Magma Copper Co. March 115; Aug 81
Makaoo Development Co. March 102
Mankayan Mineral Development Company Ltd. ..... Aug 73
Marcona Corp. March 108; Aug 71, 82; Oct 78
Marcona Mining Co. ..... Jan 55
Marcona Ocean Industries Ltd. Aug 82
Marcopper Mining Corp. .... Jan 57
Marinduque Mining and Industrial Corp... March 105, April 72; Oct 35
Marine Mining Cornwall Ltd. Sept 78
Marmac Alaska Mines Ltd... Dec 84
Marshall Oman Exploration April 69
Martin Marietta Aluminum Inc. Feb 57; Sept 91
McCamey Iron Associates .. Jan 60
Meentheena Fluorite Pty. Ltd. June 44
Messina Transvaal Development Company Ltd..... Feb 66
Metallgesellschaft AG ..... Aug 76
Métallurgie Hoboken-Overpelt Nov 97
Metal Quimica del Nervion S.A. Jan 63; Dec 80
Metals Exploration N.L. Jan 61; May 80; June 51; Dec 41
Metalurgica Mexicana Peñoles S.A. Oct 91
Metramar Minerals Ltd. .... Feb 72
Michiquillay Copper Corp... Sept 84
Michiquillay Mining Ltd. .. April 76
Mid-Continent Mining Corp... Oct 98
Midland-Ross Corp. ..... Aug 72
MIM Holdings Ltd. .. Jan 60; Nov 89
Minas de Almaden March 98; Dec 82
Minas de Gador S.A. ..... Oct 82
Minas del Otono S.A. ..... Feb 64
Minas de Oriente S.A. .... July 64
Minas de Potasa de Soria S.A. July 57
Mindanao Nickel Co. ..... Oct 35
Minera Macacona S.A. .. March 108
Minera San Francisco S.A... Sept 88
Mineral Exploration Corporation Ltd. March 102
Mineral Resources Research Co. Feb 65
Minerals Engineering Co. .. May 77
Minerals Mining & Metallurgy Ltd. Feb 71
Minero-Peru Jan 56; March 107; Sept 84; Oct 88; Dec 92
Minerts Development (Pty.) Ltd.
Mineracao Brasiliense S.A. .. Oct 91
Sept 90
Minnesota Mining and Manufacturing Co. ..... July 64
Mintonia Development Ltd. .. Dec 85
Missouri Lead Operating Co. June 43
Mitsubishi Corp. Jan 57; July 59; Nov 82
Mitsubishi International Corp. March 55
Mitsubishi Metal Corp. Feb 65; May 75; July 59; Aug 73; Sept 88; Oct 80; Nov 82
Mitsubishi Metal Mining Company Ltd. ..... March 114; June 51
Mitsui & Company Ltd. March 112; April 79; May 84; July 57; Aug 73; Nov 75, 86; Dec 91
Mitsui-C Itoh Iron Pty. Ltd. April 79
Mitsui Metal Mining Co. .... Oct 77
Mitsui Mining and Smelting Co. Feb 58; April 76; May 75, 77; Sept 88; Oct 35, 88; Nov 76
Mogul of Ireland Ltd. ..... Nov 71
Molybdenum Corporation of America July 52
Montecatini-Edison S.p.A..... Aug 76
Montedison S.p.A. Feb 57, 63; Sept 91; Dec 82
Mosquito Creek Gold Mining Company Ltd. ..... Sept 95
Mt. Isa Mines Ltd... Sept 93; Dec 41
Mount Lyell Mining and Railway Company Ltd. ..... April 78
Mt. Newman Mining Company Pty. Ltd. Jan 60; April 77; May 82; July 60; Sept 93; Oct 88
MTD Mangula Ltd. ..... Feb 66
Murphyores Holdings Ltd..... Oct 86

N

National Asbestos Mines Ltd. Oct 77
National Gypsum Co. ..... Oct 77
National Iraqi Minerals Co. Nov 86
National Mining Co. Saudi Arabia Oct 94
Nchanga Consolidated Copper Mines Ltd. ..... Jan 65; Aug 75
Ndola Lime Co. ..... July 64
New Broken Hill Consolidated Ltd Nov 88
New Broken Hill Consolidated Holdings Ltd. ..... June 44; July 55
New Brunswick Mining and Smelting Company Ltd. ..... May 84
New Insco Mines Ltd. ..... Aug 86
New Jersey Zinc Co. ..... Oct 99
Newmont Mining Corp. Jan 56; Aug 75; Oct 88; Dec 96
Newmont Pty. Ltd. .. Oct 88; Dec 96
News Ltd. ..... Aug 88
New York Honduras & Rosario Mining Co..... Jan 33; May 77; June 48
New Zealand Asbestos Corp. July 55
Nicola Copper Mines Ltd. .. Oct 77
Nippon Kokan Kabushiki Kaisha March 108; April 69
Nippon Mining Company Ltd. Jan 57; March 114; May 75; Aug 73; Sept 88; Oct 74; Nov 86
Nippon Steel Corp. Jan 57; March 108; April 69; Aug 87; Oct 78; Dec 94
Nisshin Steel Company Ltd. April 69
Nissho-Iwai Company Ltd. May 84; July 55; Aug 73
Nittetsu Mining Co. Feb 58; May 75; Sept 88
Noranda Australia, Pty. Ltd. Nov 89
Noranda Mines Ltd. Aug 37; Sept 84
Norddeutsche Affinerie .... Aug 37
Nord Resources Corp. April 76; May 77; Oct 95
Northair Mines Ltd. ..... Oct 75
Northern Mining Corp. .... Aug 87
Northgate Exploration Ltd. May 72; June 50; Nov 71
North Kalgurli Mines Ltd. Feb 68; May 80; Oct 86
Northland Minerals Ltd. .... Aug 88
N.R.D. Mining Ltd. ..... Dec 91
N.V. Grasshopper Aluminium Co. Dec 92

O

Ocean Trading Corp. ..... Aug 82
Oceanic Exploration Co. .... Aug 89
Office Chérifien des Phosphates Feb 68
Olasahar Mining Corp. .... Oct 74
Omnium des Mines ..... March 112
Onahama Smelting Co. ..... Feb 65
O'okiep Copper Company Ltd. Aug 75
Otavi Mining Company Pty. Ltd. May 77
Otjihase Mining Company (Pty.) Ltd. Sept 90
Outokumpu Oy .. March 109; Aug 37
Overseas Mineral Resources Development Co. ..... Oct 78
Overseas Mineral Resources Development Sabah ..... April 63
Ozark Lead Co. .... May 88; Oct 97

P

Pacific Copper Explorations Ltd. April 80; July 59
Pacific Metals Co... Jan 57; April 72
Pacific Ores and Trading Co. Oct 90
Pacminex Pty. Ltd. ..... Sept 93
Pahang Consolidated Company Ltd. Jan 67
Pakistan Atomic Energy Commission Jan 66
Palabora Mining Company Ltd. Feb 67; Oct 92, 95
Pancontinental Mining Ltd. March 106; Nov 88
Paracale Gumas Consolidated Mining Company Inc. ..... Sept 96
Paranapanema S.A. ..... Aug 80
Park City Ventures ..... Oct 96
Patino N.V. ..... Feb 64; Dec 77
Pato Consolidated Gold Dredging Ltd. ..... Sept 88
Pavonia S.A..... Jan 7
Pechiney Development Ltd. .. Oct 75
Pechiney S.A. ..... Aug 37; Oct 78
Péchiney Ugine Kuhlmann Feb 57; May 75; June 49; Sept 80, 91; Dec 77
Peko Mines N.L. ..... Feb 71
Peko-Wallsend Ltd. March 106; July 60; Nov 89
Penamax S.A. ..... Jan 57
Petromin (S.A.) .... Aug 71; Nov 86
Phelps Dodge Corp. Jan 56; March 116, 118; April 77; May 87; June 43; Oct 99; Nov 30
Phelps Dodge Exploration Corp. Aug 82
Phibraki s.z.a.r.l. ..... June 47
Philex Mining Corp. May 83; Aug 73; Dec 95
Philippine Copper Smelting Corp. May 83
Philippine Iron Mines, Inc... Nov 80
Pickands Mather & Co. July 47, 49; Sept 41
Pickands Mather International Dec 90
Pilbara Iron Ltd. ..... April 79
Pima Mining Co. ..... July 47
Pinnacle Mines Ltd. ..... June 51
Pittsburgh & Midway Coal Mining Co. ..... March 116
Placer Development Ltd. Jan 58; April 80; July 55; Aug 37; Sept 95; Oct 84; Dec 86
Placer Exploration Ltd. .. April 80
P.N. Aneka Tamban ..... April 72
P.N. Anpekatambang ..... Jan 57
Polar Resources Co. ..... Dec 84
Poseidon Ltd. Feb 57, 68, 70; April 80; May 80; July 59
Potash Company of America March 102
President Brand Gold Mining Company Ltd. ..... Feb 31; Dec 90
President Steyn Gold Mining Company Ltd. .... Feb 31; Nov 38, 74
Prospection Ltd. .. April 69; Nov 38
P.T. International Nickel Indonesia May 84; July 55
Ptolemais Lignite Mining and Industrial Company Ltd. .... May 37
Pyrites Phosphates & Chemicals Ltd. March 114

Q

Quebec Cobalt and Explorations Ltd. Oct 77
Queensland Alumina Ltd. .. Oct 88
Queensland Mines Ltd. Nov89
Quintana Minerals Corp. .. Oct 77

R

Ranchers Exploration and Development Co. ..... March 55; Dec 77
Renison Ltd. ..... Nov 89
Republic Steel Corp. .. Oct 77, 92
Reserve Oil & Minerals Corp. Sept 80
Reynolds Metals Co. April 76; Aug 88; Oct 86; Dec 83
Rheinischen Brown Kohlen AG Nov 71
Rhodesian Nickel Corporation Ltd. Sept 75
Rhodesian Alloys Ltd. ..... Dec 87
Rhodesian Chrome Mines Ltd. Dec 87
Rhodesian Vanadium Corp... Dec 87
Rhodes Ridge Mining Company Ltd. Jan 60
Rio Plata Silver Mines Ltd. Nov 77
Rio Tinto-Patiño S.A. July 57; Aug 37; Dec 82
Rio Tinto Canadian Exploration Ltd. June 51
Rio Tinto (Rhodesia) Ltd. June 47; July 64; Nov 75; Dec 90
Rio Tinto-Zinc Corporation Ltd. Feb 67; April 77; Sept 91; Oct 92
Rio Tuba Nickel Mining Corp. April 72
Roan Consolidated Mines Ltd. Feb 68; Aug 75; Dec 41
Robe River Ltd. ..... Dec 41
Rooiberg Minerals Development Company Ltd. ..... April 75
Rosario Dominicana S.A. .. May 77
Rosario Resources Corp. June 48; Aug 76
Rossing Holding Company Ltd. Sept 91
Rossing Uranium Ltd. ..... Sept 91
Royal Agassiz Mines Ltd. .... Dec 86
R.T.B. Bor ..... Jan 62
Rustenburg Platinum Mines Ltd. Jan 64; March 95; Sept 91

S

St. Helena Gold Mines Ltd. Nov 38
St. Joe Minerals Corp. April 77; May 88; June 49; Aug 84
St. Piran Mining Ltd. Aug 76; Dec 82
San Sebastian Gold Mines Inc. July 65
Sar Cheshmeh Copper Mine Company of Kerman Jan 66; Feb 66; June 50; Dec 94
Selection Trust Ltd. Jan 66; April 79; Nov 38; Dec 94
Seltrust Iron Ore Ltd. .... April 79
71 Minerals Ltd. ..... Nov 91
Sheridan Geophysics Ltd. .... Feb 65
Sherritt-Gordon Mines Ltd. Jan 58; Feb 31; June 44; Dec 85
Shimura Kako Company Ltd. May 84; July 55; Aug 73
Shoio Petroleum Co. ..... Sept 80
Showa Denko K. K. ..... April 76
Sierra Empire Mines Ltd..... Aug 86
Silicon Smelters Pty. Ltd. .. June 47
Simplot, Industries Inc. Jan 33; May 77
Silver Standard Mines Ltd. .. Dec 85
S.A. Industries Votorantim March 109
Sociedad Approvechamientos Integral de Piritas ..... Dec 80
Sociedad Minera El Teniente S.A. Jan 55; Feb 31, 64; March 107; July 65; Oct 90
Sociedade Mineira de Huila.. Dec 90
Sociedad Mixta Siderurigia Argentina Feb 65
Societa Mineraria Atesina .. May 75
Société des Mines de Fer de Mekambo March 112
Société des Mines et Fonderies de Zinc de la Vieille-Montagne.. March 98
Société des Mines et Produits Chimiques de Salsigne ..... June 50
Société Internationale des Mines du Zaïre ..... March 110
Société Le Nickel March 105; June 46; Aug 73; Dec 77
Société Minière de Mauritanie Dec 89
Société Minière de Tenké-Fungurumé March 110; May 77; Nov 75
Société Minière, et Métallurgique de Penarroya S.A..... Jan 57; Oct 95
Société Nationale des Pétroles d'Aquitaine .. March 104; Dec 77
Société Neo-Caledonienne du Nickel Aug 73
Sol Exploration Pty. Ltd... March 104
Solmine S.p.A. ..... Dec 82
Sommeni ..... Dec 77
South African Iron & Steel Corp. April 72; Aug 75
South African Land & Exploration Company Ltd. .... July 63; Nov 38
South Crofty Ltd. ..... Aug 76
Southern Minerals and Mining Co. Aug 84

▲ For more information, Circle No. 127 on PEP card.

Southern Peru Copper Corp. Jan 56; March 107; Oct 35
Spartan Explorations Ltd. Oct 75; Dec 86
Sproatt Silver Mines Ltd. .... Oct 76
Standard Oil Company of Indiana Aug 37; Sept 84
Stanrock Uranium Mines Ltd. Feb 72; Aug 54
Sudtiroler Bergbau GmbH .. May 75
Sulawesi Nickel Development Corp. Jan 57; April 72
Sumitomo Chemical Company Ltd. Aug 82
Sumitomo Metal Company Ltd. Aug 85
Sumitomo Metal Ind. March 108; April 69
Sumitomo Metal Mining Company Ltd. Jan 57, 66; March 114; May 75, 84; July 55, 59; Aug 73; Sept 88
Sumitomo Shoji Kaisha Ltd. May 84; July 55; Aug 73, 80
Sunhill Corporation Autralia Ltd. Feb 58
Sunshine Mining Co. April 64; Oct 98
Superior Oil Co. ..... Jan 65
Surigao Consolidated Mining Company Inc. ..... Sept 96
Swiss Oils of Canada (1959) Ltd. Dec 84
Syrian General Company of Phosphate and Mines..... Jan 67

T

Taehan Aluminum Co. ..... Oct 78
Taihan Electric Wire Co. Aug 71; Dec 94
Taihei Uranium Exploration Corp. July 59
Taiwan Aluminum Corp... March 114
Tanjong Tin Dredging Ltd. March 114; April 69
Tara Exploration and Development Company Ltd. ..... March 96
Tara Mines Ltd... March 96; Nov 71
Taseko Mines Ltd. ..... Oct 77
Teck Corporation Ltd. Jan 59; March 102
Tempelsman, Leon & Son, Inc. March 112; May 77
Tenneco Inc. ..... Sept 97
Tenneco Oil Co. ..... Feb 60
Tetapaga Mining Company Ltd. May 86
Teton Exploration Drilling Inc. July 49
Texaco Inc. ..... Dec 83
Texasgulf Inc. Jan 60; Feb 71; July 60; Oct 71, 96; Nov 76, 90; Dec 77
Tharsis Sulphur and Copper Company Ltd. ..... Jan 62; Dec 80
Thiess Holdings Ltd. ..... Oct 88
Thiess-Peabody-Mitsui ..... Oct 88
Tintic Mining Co. ..... Aug 81
Tocopilla Copper Co. ..... Aug 80
Tokyo Boeki ..... Nov 76
Tokyo Nickel Co. May 84; July 55; Aug 73
Tongkah Harbour Tin Dredging Berhad ..... Feb 66
Tormex Mine Developers Ltd. March 108; July 64
Total Compagnie Minière et Nucléaire Sept 80, 91
Tournigan Mining Exploration Ltd. Dec 86
Transoil N.L. ..... Aug 73
Transvaal Alloys Pty. Ltd... May 77
Triako Kennco Explorations (Australia) Pty. Ltd. ..... Oct 73
Triako Mines N.L. April 80; Sept 97; Oct 73
Tribag Mining Company, Ltd. Feb 72
Tronoh Mines Ltd. April 69; Aug 71
Turkish State Lignite Administration May 82
Tycho Mining Co. ..... May 80

U

Umex ..... July 57
Union Carbide Corp. Sept 97; Nov 71; Dec 87
Union Corporation Ltd. Jan 64; Feb 62, 68; Nov 38
Union Explosivos-Rio Tinto Jan 63; Aug 76; Dec 80
Union Miniere S.A. March 98; July 57; Nov 77
Union Oil Co. ..... July 59
Union Pacific Mining Corp... Sept 80
Unisel Holdings Pty. Ltd. .. Nov 38
United Nuclear Corp. March 118; July 49
United Paracale Mining Company Inc. Sept 96
U.S. Smelting, Refining, and Mining Co. ..... Aug 81
United States Steel Corp. March 108; Aug 52
Universal Oil Products Co. April 72; May 87; Aug 84
Urangesellschaft m.b.H. & Company KG. ..... Sept 80
Uranium Recovery Corp. .... Sept 80
Utah Development Co. Jan 60; July 53; Aug 88; Sept 93
Utah International Resources Inc. March 100; June 43; July 59; Aug 72; Oct 88
U.V. Industries Inc. ..... Aug 81

V

Vaal Reefs Exploration and Mining Company Ltd. .. Feb 67; April 75
Vancouver Syndicate ..... Aug 86
Vargas Mines Ltd. ..... Dec 85
Vereinigte Aluminum-Werke AG Feb 57; Sept 91
Vestgron Mines Ltd. April 67; Dec 82
Vestor Explorations Ltd. .. June 51
Vulcan Mining Co. ..... Oct 35

W

Wankie Colliery Company Ltd. May 76
Welkom Gold Mining Company Ltd. Feb 31; July 62
West Driefontein Gold Mining Company Ltd. Jan 65; March 113; April 75
Western Deep Levels Ltd. July 63; Nov 38
Western Holdings Ltd. Feb 31; Nov 74
Western Mining Corporation Ltd. Feb 57, 70, 71; May 80; July 59; Aug 89; Sept 92; Oct 84, 86; Nov 89
Western Mining Corporation (Northern America) Pty. Ltd. .... Feb 71
Western Minoico Corp. Jan 56; June 46
Western Platinum Ltd. Jan 65; Dec 88
Western Selcast Ltd. Feb 57; May 80; Oct 86; Dec 41
Western Titanium N.L. Feb 72; Oct 86
Western Ultra Deep Levels July 63; Nov 38; Dec 87
Wharf Resources ..... Sept 94
Wheal Jane Ltd. .... Feb 62; Act 82
White Pine Copper Co. ..... Dec 83
Woodsreef Minerals Ltd. .... Dec 96
Woodsreef Mines Ltd. ..... Dec 96
W. R. Grace and Co. ..... Oct 90
Wright Prospecting Pty. Ltd... Jan 60

Y

Young Poong Mining Co. .... Oct 77

Z

Zambales Base Metals Inc... June 46
Zambian Anglo-American Ltd. Feb 68

METAL & MINERAL PRICES

LONDON*

30 NOVEMBER 1973

ALUMINUM:	Ingot, 99.5%	£230.00	24.62¢
ANTIMONY:	Regulus, 99.6%	£535.00	57.03¢
COPPER:	Wirebar	£1,035	$1.09
GOLD:	Per Troy ounce		$101.50
LEAD:	Refined 99%	£228.5	24.25¢
MERCURY:	Per flask of 76 pounds ..	£117	$273.75
SILVER:	Per Troy ounce	123.5d	$2.88
TIN:	Standard 99.78%	£2.540	$2.69
TUNGSTEN:	Metric ton unit		$44.00-$55.00
ZINC:	Virgin, 98%, spot	£850	90.20¢

* Per metric Ton USA Equivalent cents per pound. With Sterling Pound at $2.34

CANADA

ALUMINUM: Primary 50 pound ingots, (99.5% plus), base price f.o.b. shipping point—freight paid to customer's plant in Canada .. No quote
ANTIMONY: 99.6 percent, in casks, per pound $1.10
COPPER: Electrolytic, per pound ..... 74.00¢
LEAD: Virgin brands per pound ..... 17.50¢
NICKEL: Electrolytic, f.o.b. Thorold, Ontario, per pound $1.53
SULPHUR: f.o.b. plant for shipment to Canadian and U.S.A. customers $12.00
ZINC: Prime Western, per pound ..... 27.30¢-28.00¢

Montreal or Toronto unless otherwise quoted.
All prices are in Canadian currency.

U.S.A.

METALS

COPPER: Electrolytic wirebar. F.o.b. cars (Per pound) ..... 60.00¢
LEAD: Common Grade. (Per pound) ..... 16.50¢
ZINC: Prime Western: (Per pound) ..... 21.00¢
ALUMINUM: Primary 50 Pound Ingots (99.8% plus) (Per pound) 25.00¢
ANTIMONY: Lone Star Brand. F.o.b. Laredo, in bulk (Per pound) 90.00¢
ARSENIC: Crude, minimum of 95% As_2O_3, carload lots (Per pound) 3.20¢
BISHMUTH: (In ton lots) price per pound $6.50
CADMIUM: Sticks and bars. 1 to 5 ton lots. Price per pound, producers $3.75
COBALT: 97-99%. Keg of 500 pounds (Price per pound) $3.20
COLUMBIUM: Ingot ..... Nominal, per pound $36.00-$55.00
GERMANIUM: dioxide, kilogram .....$260.00-$293.00
INDIUM, in 10.000 ounce lots (per ounce) ..... $1.75-$2.50
LITHIUM: 99.9% (per pound) $8.18
MAGNESIUM: Ingots (99.8%) F.o.b. Velasco, Texas, per pound.... 39.00¢
MERCURY: Flasks. 50 Flask Lots, New York ..... $301.00-$306.00
NICKEL: "P" Ingots (5 pounds) F.o.b. Port Colbourne, Ontario $1.53
SELENIUM: 99.5% per pound $10.00
TELLURIUM: Common grade, per pound $6.00
THORIUM: Per pound $15.00
TIN: Grade A Brands. Straits, ex-dock spot $2.79
TITANIUM: 99.3% + Grade A-1 Sponge (Per pound) $1.42
URANIUM: Normal, Per pound $8.00
VANADIUM: Per pound ..... $2.12-$2.25

GOLD: United States Treasury Price, per ounce $42.22
London $101.50
SILVER: New York: Per ounce 2.92
PLATINUM: Per ounce ..... $153.00-$163.00
ZIRCONIUM: Sponge. Producer's price per pound, reactor grade $12.00-$13.00

ORES AND CONCENTRATES

BERYLLIUM ORE: 10 to 12% BeO per short ton unit, c.i.f. Atlantic port nominal ..... $40.00-$45.00
CHROME ORE: F.o.b. railroad cars eastern seaports. Dry long tons.
African (Rhodesian). 48% Cr_2O_3. 3 to 1 ratio ..... Nom. $44.00
Russian, 54% Cr_2O_3. ..... $40.00
Turkish, 48% Cr_2O_3. 3 to 1 chrome-iron ratio $53.00
COLUMBIUM TANTALUM ORE: Per pound pentoxide ..... $0.95-$1.05
IRON ORE: Lake Superior. Per gross ton delivered Lower Lake ports.
Blast furnace natural ores:
Mesabi non-Bessemer $11.71
Old Range non-Bessemer $12.16
Special ores:
Taconite pellets, per gross ton unit of iron, natural $0.3019
Open hearth lump ore, gross ton, 51.5% Fe $15.00
Swedish, Atlantic Ports, Pellets, Atlantic Ports $17.00
Brazilian, Atlantic Port, 68 to 69% Fe, Atlantic Port per long ton $12.00
Venezuelan, Orinoco No. 1, 58% natural basis, F.o.b. Puerto Ordaz, per gross ton $9.55
MANGANESE ORE: Metallurgical grade. 48 to 50% Mn Long ton unit ..... 74.0¢-84.0¢
Metallurgical grade. 46 to 48% Mn. Long ton unit ..... 61.0¢-71.0¢
MOLYBDENITE CONCENTRATE: 90% MoS_2 F.o.b. Climax, Colorado. Per pound contained Mo plus container cost $1.72
TANTALITE CONCENTRATE 60%. Per pound of oxide ..... $9.00-$10.00
TUNGSTEN CONCENTRATE: Scheelite, U.S.A. 70-75% WO_3 Per short ton unit ..... Nominal $40.00
Foreign: 65% WO_3 per short ton unit (Scheelite) Nominal $42.00-$44.00
Foreign: South American, Spanish, Portuguese Nominal $42.00-$44.00

NON-METALLIC MINERALS

BARITE: Oil well drilling. Minimum 4.25 specific gravity, per short ton $16.00
BENTONITE: Minus-200-mesh. F.o.b. Wyoming and South Dakota, Per ton, carload lots ..... Nominal $14.00
Oil Well grade. Packed in 100 pound paper bags .... Nominal $14.00
BORAX: Tech., gran., decahydrate, 99.5%, bags; cl., works, short ton $46.75
FELDSPAR: 200 Mesh, Flotation, F.o.b., North Carolina, per short ton ..... Nominal $23.00
FLUORSPAR: Metallurgical grade. 72.5% effective CaF_2 content per short ton F.o.b. Illinois-Kentucky mines $65.00
Acid Grade. 97% CaF_2 Bulk, F.o.b. mine ..... $78.00-$87.00
PHOSPHATE ROCK: 66-68% B.P.L. per ton $7.00-$7.20; 70-72% B.P.L. $8.15
POTASH: Standard, per ton $20.38
Granular, per ton $24.40
SULPHUR: Frasch, per ton f.o.b. Tampa, Florida ..... $28.00-$31.00

Quotations on metals and certain ores through the courtesy of *American Metal Market, New York, New York*